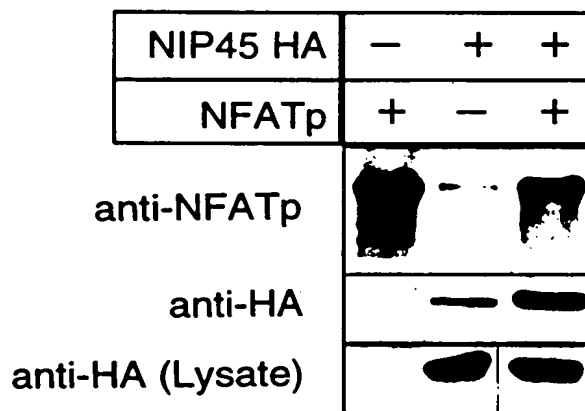


FIG. 2



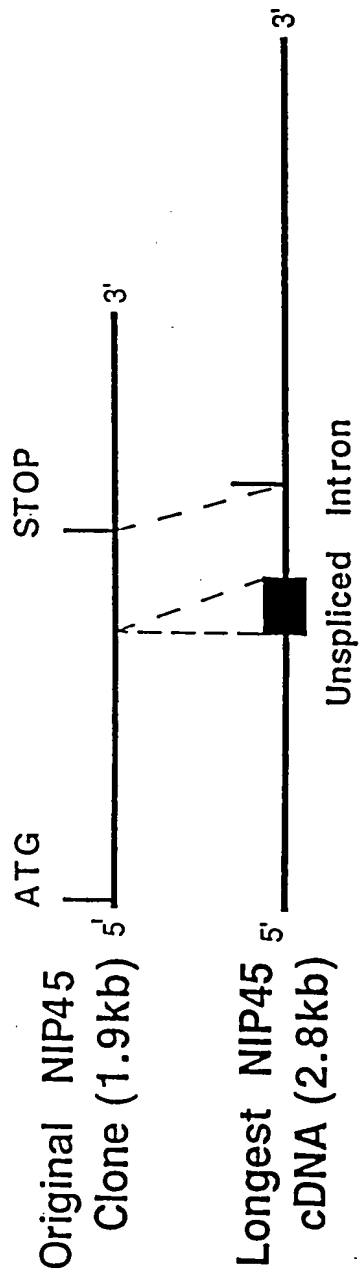


FIG.3

ACAGTGTGGGAGATGGCGGAACCACTGAGGGGACGTGGTCCGAGGTCC	48
TGTCACACCCTCTACCGCCTTGGTGACTCCCCTGCACCAGGCTCCAGG	
<u>M A E P L R G R G P R S</u>	12
CGCGGTGGCCGAGGCGCTCGGAGAGCCCGAGGCGCCCGTGGCCGGTGT	96
GCGCCACCGGCTCCGCGAGCCTCTCGGGCTCCGCGGGCACCGGCCACA	
<u>R G G R G A R R A R G A R G R C</u>	28
CCTCGCGCCCGGCAGTCTCCGGCTAGGCTCATTCCAGACACCGTGCTT	144
GGAGCGCGGGCCGTACAGAGCCGATCCGAGTAAGGTCTGTGGCACGAA	
<u>P R A R Q S P A R L I P D T V L</u>	44
GTGGACTTGGTCAGTGACAGCGACGAAGAGGTCTTGGAAGTCGCAGAC	192
CACCTGAACCAGTCACTGTGCTGCTTCTCCAGAACCTTCAGCGTCTG	
<u>V D L V S D S D E E V L E V A D</u>	60
CCAGTAGAGGTGCCGGTCGCCCCGCTCCCCGCGCCGGCTAAACCTGAG	240
GGTCATCTCCACGGCCAGCGGGCGGAGGGGCGCGGCCGATTTGGACTC	
<u>P V E V P V A R L P A P A K P E</u>	76
CAGGACAGCGACAGTGACAGTGAAGGGGCGGCCGAGGGGCCTGCGGGA	288
GTCCTGTCGCTGTCACTGTCACTTCCCCGCGGGCTCCCGGACGCCCT	
<u>Q D S D S D S E G A A E G P A G</u>	92
GCCCCGCGTACATTGGTGCGACGGCGGGCGGGCGGGCTGCTGGATCCC	336
CGGGGCGCATGTAACCACGCTGCCGCCGCCGCCGCCGACGACCTAGGG	
<u>A P R T L V R R R R R R R L L D P</u>	108
GGAGAGGCGCCGGTGGTCCCAGTGTACTCCGGGAAGGTACAGAGCAGC	384
CCTCTCCGCGGCCACCAGGGTCACATGAGGCCCTTCCATGTCTCGTCG	
<u>G E A P V V P V Y S G K V Q S S</u>	124
CTCAACCTCATTCCAGATAATTTCATCCCTCTTGAAACTGTGCCCTTCA	432
GAGTTGGAGTAAGGTCTATTAAGTAGGGAGAACTTTGACACGGGAAGT	
<u>L N L I P D N S S L L K L C P S</u>	140
GAGCCTGAAGATGAGGCAGATCTGACAAATTCTGGCAGTTCTCCCTCT	480
CTCGGACTTCTACTCCGTCTAGACTGTTTAAGACCGTCAAGAGGGAGA	
<u>E P E D E A D L T N S G S S P S</u>	156
GAGGATGATGCCCTGCCTTCAGGTTCTCCCTGGAGAAAGAAGCTCAGA	528
CTCCTACTACGGGACGGAAGTCCAAGAGGGACCTCTTCTTCGAGTCT	
<u>E D D A L P S G S P W R K K L R</u>	172

FIGURE 4A

CCZS

AAGAAGTGTGAGAAAGAAGAAAAGAAAATGGAAGAGTTTCCGGACCAG	576
TTCTTCACACTCTTTCTTCTTTTCTTTTACCTTCTCAAAGGCCTGGTC	
K K C E K E E K K M E E F P D Q	188
GACATCTCTCCTTTGCCCCAACCTTCGTCAAGGAACAAAAGCAGAAAG	624
CTGTAGAGAGGAAACGGGGTTGGAAGCAGTTCCTTGTTTTCTGTCTTTC	
D I S P L P Q P S S R N K S R K	204
CATACGGAGGCGCTCCAGAAGCTAAGGGAAGTGAACAAGCGTCTCCAA	672
GTATGCCTCCGCGAGGTCTTCGATTCCCTTCACTTGTTTCGCAGAGGTT	
H T E A L Q K L R E V N K R L Q	220
GATCTCCGCTCCTGCCTGAGCCCCAAGCAGCACCAGAGTCCAGCCCTT	720
CTAGAGGCGAGGACGGACTCGGGGTTCGTTCGTGGTCTCAGGTCGGGAA	
D L R S C L S P K Q H Q S P A L	236
CAGAGCACAGATGATGAGGTGGTCCTAGTGGAAGGGCCTGTCTTGCCA	768
GTCTCGTGTCTACTACTCCACCAGGATCACCTTCCCGGACAGAACGGT	
Q S T D D E V V L V E G P V L P	252
CAGAGCTCTCGACTCTTTACTCAAGATCCGGTGCCGGGCTGACCTA	816
GTCTCGAGAGCTGAGAAATGTGAGTTCTAGGCCACGGCCCCGACTGGAT	
Q S S R L F T L K I R C R A D L	268
GTGAGACTGCCTGTCAGGATGTCGGAGCCCCTTCAGAATGTGGTGGAT	864
CACTCTGACGGACAGTCCTACAGCCTCGGGGAAGTCTTACACCACCTA	
V R L P V R M S E P L Q N V V D	284
CACATGGCCAATCATCTTGGGGTGTCTCCAAACAGGATTCTTTTGCTT	912
GTGTACCGGTTAGTAGAACCCACAGAGGTTTGTCTTAAGAAAACGAA	
H M A N H L G V S P N R I L L L	300
TTTGGAGAGAGTGAACTGTCTCCTACTGCCACCCCTAGTACCCTAAAG	960
AAACCTCTCTCACTTGACAGAGGATGACGGTGGGGATCATGGGATTTTC	
F G E S E L S P T A T P S T L K	316
CTTGGAGTGGCTGACATCATTGATTGTGTGGTGCTAGCAAGCTCTTCA	1008
GAACCTCACCGACTGTAGTAACTAACACACCACGATCGTTCGAGAAGT	
L G V A D I I D C V V L A S S S	332
GAGGCCACAGAGACATCCCAGGAGCTCCGGCTCCGGGTGCAGGGGAAG	1056
CTCCGGTGTCTCTGTAGGGTCCTCGAGGCCGAGGCCACGTCCCCTTC	
E A T E T S Q E L R L R V Q G K	348

FIGURE 4B

GAGAAACACCAGATGTTGGAGATCTCACTGTCTCCTGATTCTCCTCTT	1104
CTCTTTGTGGTCTACAACCTCTAGAGTGACAGAGGACTAAGAGGAGAA	
E K H Q M L E I S L S P D S P L	364
AAGGTTCTCATGTCACTATGAGGAAGCCATGGGACTCTCTGGACAC	1152
TTCCAAGAGTACAGTGTGATACTCCTTCGGTACCCTGAGAGACCTGTG	
K V L M S H Y E E A M G L S G H	380
AAGCTCTCCTTCTTCTTTGATGGGACAAAGCTTTCAGGCAAGGAGCTG	1200
TTCGAGAGGAAGAAGAACTACCCTGTTTTCGAAAGTCCGTTCTCGAC	
K L S F F F D G T K L S G K E L	396
CCAGCTGATCTGGGCCTGGAATCCGGAGATCTCATCGAAGTCTGGGGC	1248
GGTCGACTAGACCCGGACCTTAGGCCTCTAGAGTAGCTTCAGACCCCG	
P A D L G L E S G D L I E V W G	412
TGAAGCTCTCACCCTGTTTCGGACGCAAAGCCAAGACATGGAGACAATA	1296
ACTTCGAGAGTGGGACAAGCCTGCGTTTCGGTTCTGTACCTCTGTTAT	
GCTCCCAATTTTATTATTGTGATTTTTCGCCCCATAAGGGCTAACAGA	1344
CGAGGGTTAAAATAATAACACTAAAAAGCGGGGTATTCCCGATTGTCT	
AACTGAATTAGAACTTGTTTACTTATTTATTTCTGGTGCTGGGGATTG	1392
TTGACTTAATCTTGAACAAATGAATAAATAAAGACCACGACCCCTAAC	
AACCCCACTATGCACATGCTAAGGATGTATGAAGTGGAGGCAAAAC	1440
TTGGGGTCTGATACGTGTACGATTCTACATACTTCACCTCCGTTTTG	
CAAGGCATTACCTTTAGCCAGCCTCTAGTAGACTGTAGTGTCAAGCAA	1488
GTTCCGTAATGGAAATCGGTCGGAGATCATCTGACATCACAGTTCGTT	
GTGGCTACTTGGTAGTTGTGTGGCTCTGTGTATGTTTGTGCTGTATTT	1536
CACCGATGAACCATCAACACACCGAGACACATACAAACACGACATAAA	
GGCAGCCCCTGGGGCACATAGAAGGGACCTTGGCTTCCCTACCATTTTC	1584
CCGTCGGGGACCCCGTGTATCTTCCCTGGAACCGAAGGGATGGTAAAG	

FIGURE 4C

ACGTTGCTGGTGGCCTTTCCTTCATCAGATGACTTCTGTGAAGCTGC TGCAAGCGACCACGGGAAAGGAAGTAGTCTACTGAAGACACTTCGACG	1632
CTATGTTGAGTGTGTTGAACTAAATGAGCTCTGCTTTGGGTGTCCAGG GATACAACCTCACACAACCTTGATTTACTCGAGACGAAACCCACAGGTCC	1680
CCTGGGGTTTGTGCCGCAGTTGGAGCCAGCAGTGACTTCACTCTGACT GGACCCCAAACACGGCGTCAACCTCGGTCTGCTACTGAAGTGAGACTGA	1728
TGGGACTGAGAATGCATTTTCCTGGTGGAGACACTCGGGTGCAGAAATA ACCCTGACTCTTACGTAAAGGACCACCTCTGTGAGCCACGTCTTTAT	1776
TAACAGAAGGTGACATACATGCTGAAGCTGAGGACTAGGTGCGAAAGTT ATTGTCTTCCACTGTATGTACGACTTCGACTCCTGATCCAGCTTTCAA	1824
AACGACGTTGCATTTTCAGCCTTGGGTATCCTCTCTGCCTGCCAGGAC TTGCTGCAACGTAAAAGTCGGAACCCATAGGAGAGACGGACGGTCCTG	1872
TCTAGCCAGTGTCTGGTACACACTTCTTGGCATGGACACCTAGGTCTGA AGATCGGTACAGACCATGTGTGAAGAACCGTACCTGTGGATCCAGCT	1920
CGCGGGCGCGATTTCGGCCGACTCGAG GCGCCCGCGCTAAGCCGGCTGAGCTC	1946

FIGURE4D

FIG. 6

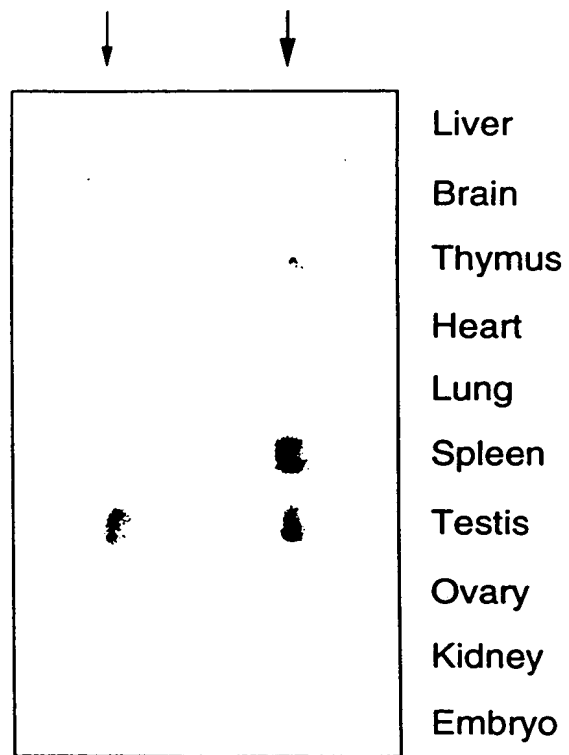
[illegible]

FIG. 7A



FIG. 7B

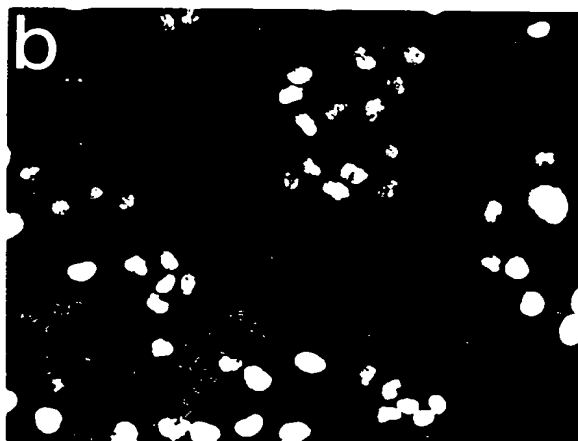




FIG. 7C

FIG. 7D

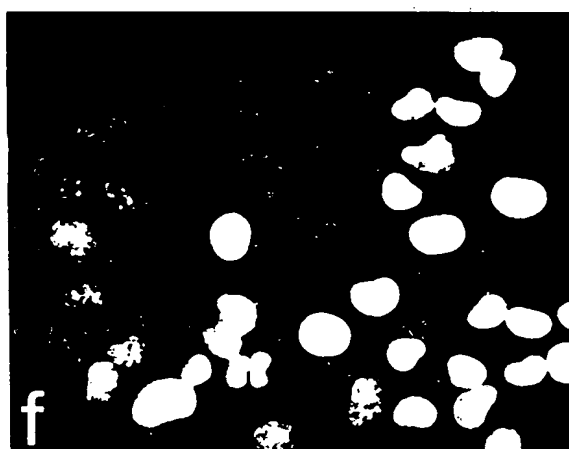
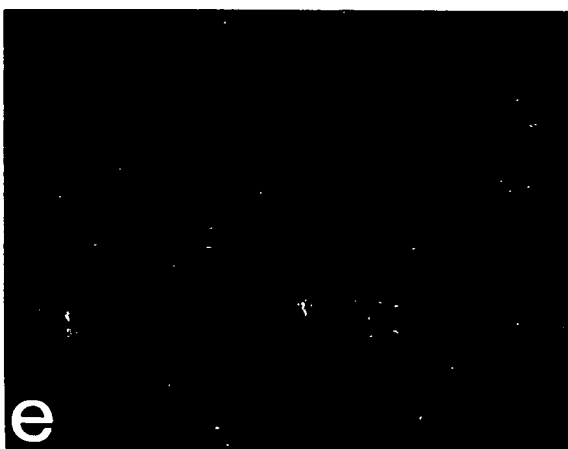
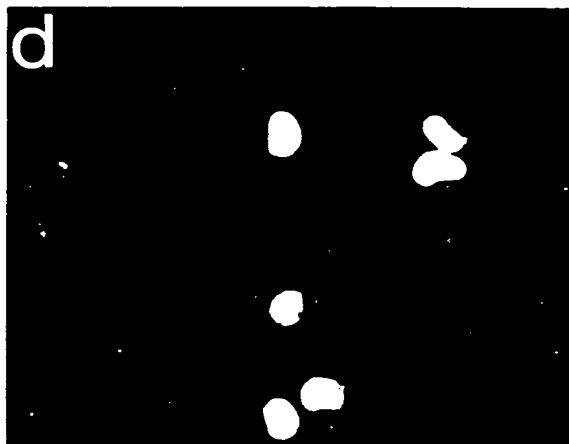


FIG. 7E

FIG. 7F

0004703 07700

FIG. 8

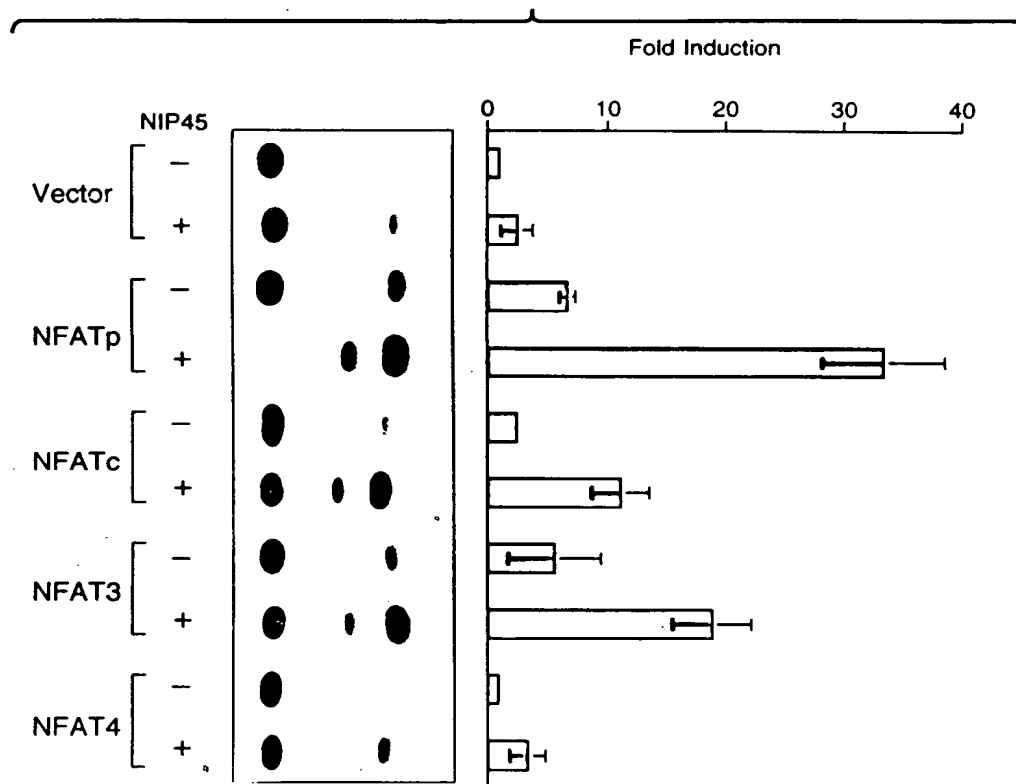
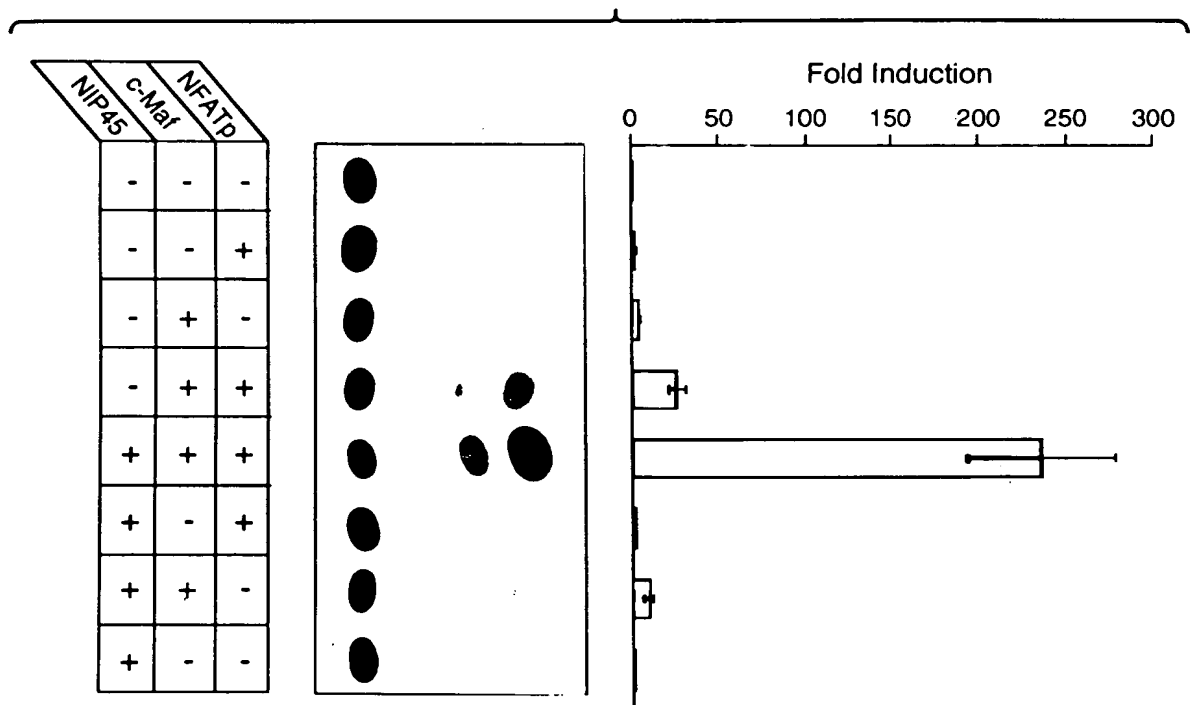


FIG. 9



IL-4 CONCENTRATION

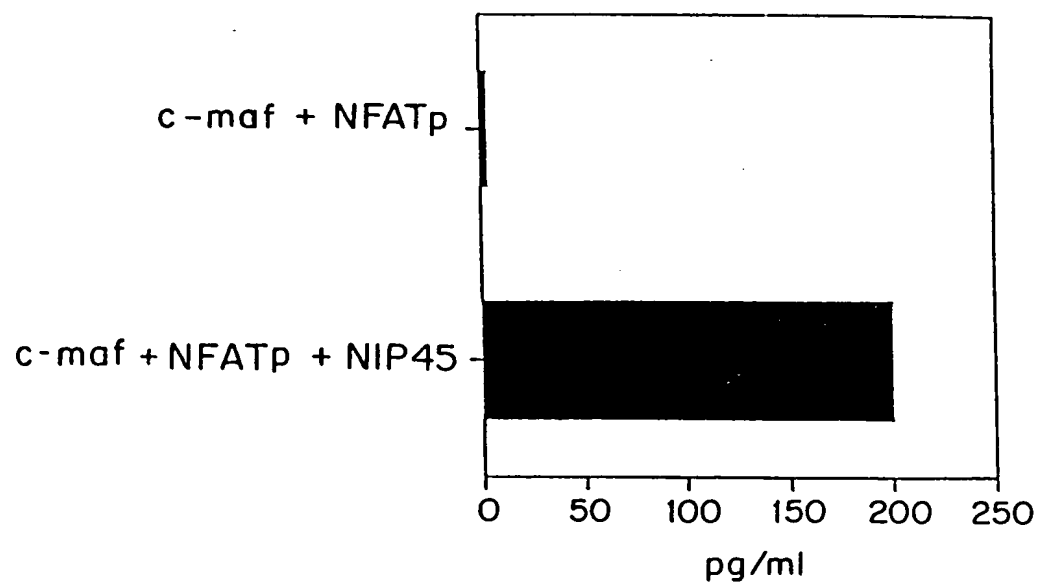


FIG.10